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*Secure Phone
System*

11 Sept 1967

MEMORANDUM FOR: Chief, Records Administration

SUBJECT : KY-3 Secure Voice Communications System

REFERENCE : Memo frm Chief, RC, dtd 26 July 1967

1. I have done a little research on the KY-3 Secure Voice Communications System. A representative of the Office of Communications, Security Branch, was the source of the following:

a. It behooves the prospective user to provide sufficient justification for the installation of a KY-3 system;

b. Up to TOP SECRET and S.I. material may be discussed or transmitted over the system;

c. A fairly simple KY-3 system would cost about \$6600 - this essentially covers the cost of the control box, known as the "grey cryptologic instrument";

d. A terminal or extension to a pre-existing system may be installed for approximately \$1700, i.e., an extension from Colonel

25X1A9a

KY-3 to the

25X1A6a

e. There may be as many as six extensions existing off of one control box on any given floor;

f. The Magnafox 840 Transceiver, which may be used in conjunction with the KY-3 system, rents for \$50. per month and is a piece of equipment patented by the XEROX Company;

g. In addition to the cost of equipment and the lines cited above, there exists an installation charge ranging from \$100 to \$1500 depending on the complexity of the system;

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h. Installation time for the KY-3 is approximately 90 days.

2. There presently exists in the ^{25X1A6a} [REDACTED] Building four KY-3 Secure Voice Communications Systems. It may be possible through the good auspices of Mr. ^{25X1A9a} [REDACTED] OBGI Admin Officer, to inspect one of these systems in operation.

3. The KY-3 system between ^{25X1A6a} [REDACTED] and Headquarters Building is circuited through the White House. As a result there does exist what the source describes as a "red break-out". This simply means certain personnel assigned to the White House have access to cleared traffic transmitted via our system. Since other high-level government officials use the KY-3, presumably the "red break-out" is a situation generally acceptable to the users.

^{25X1A9a} [REDACTED]